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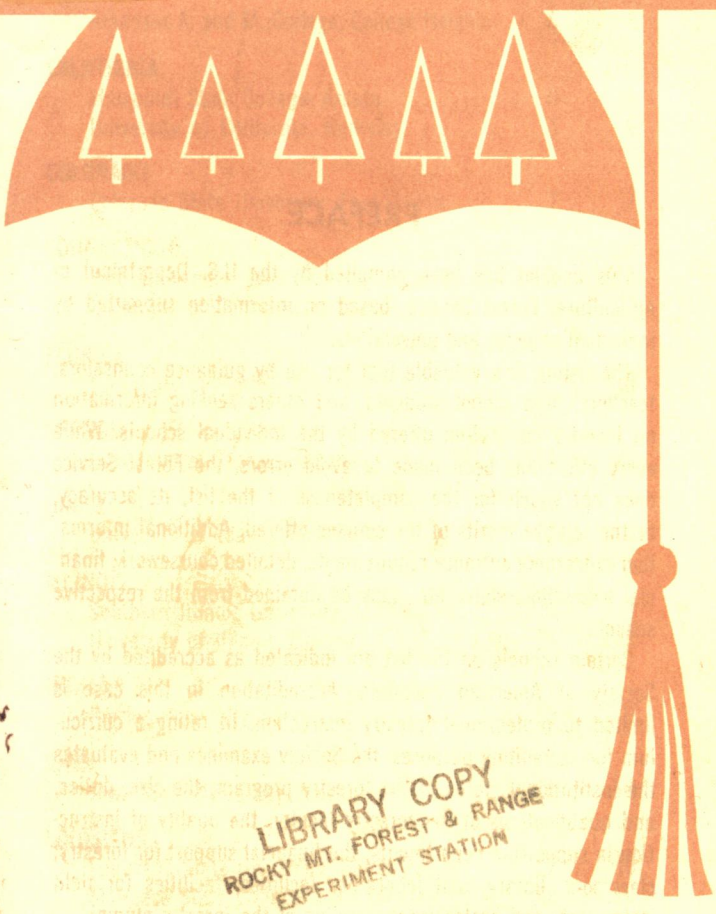
FORESTRY SCHOOLS in the United States



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U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FS-9

PREFACE

This booklet has been compiled by the U.S. Department of Agriculture, Forest Service, based on information submitted by individual colleges and universities.

The listing is a valuable tool for use by guidance counselors, teachers, high school students, and others seeking information on forestry curriculum offered by the individual schools. While every effort has been made to avoid errors, the Forest Service does not vouch for the completeness of the list, its accuracy, or the relative merits of the courses offered. Additional information concerning entrance requirements, detailed coursework, financial aid, scholarships, etc., may be obtained from the respective schools.

Certain schools on the list are indicated as accredited by the Society of American Foresters. Accreditation in this case is limited to professional forestry instruction. In rating a curriculum for accrediting purposes, the Society examines and evaluates the institutional status of the forestry program; the size, duties, and qualifications of the forestry faculty; the quality of instruction in supporting departments; the financial support for forestry; classroom, library, and laboratory facilities; facilities for field instruction; and professional standing of the forestry alumni.

Revised March 1970.

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DEPARTMENT OF FORESTRY
AUBURN UNIVERSITY
AUBURN, ALA. 36830

Degrees: Bachelor of science in forestry, bachelor of science in wood technology, and master of science and Ph. D. in several areas including economics, ecology, genetics, soils, silvics, physiology, mensuration, photogrammetry, and wood technology. Students working for the B.S.F. degree must complete a 10-week camp during the summer following the junior year. Undergraduate students in forest management, who have superior academic records for the first 2 years, may apply for admission to an honors program to be completed during the junior and senior years. Undergraduate students in forest management may elect to take an option in recreation during their last 2 years. Undergraduate students in wood technology must complete a minor of 30 quarter hours in the area of mathematics, chemistry, or engineering. An additional 10 quarter hours must be taken in each of three fields—computer programing, statistics, and the humanities. Each student will complete 3 weeks of supervised tours of wood-using industries and submit an acceptable report on the tours. A 1,400-acre school forest is available for instruction under a special use permit with the USDA Forest Service. Field research studies are conducted on four experimental forest tracts located in four of the major soil provinces of the State. Accredited by the Society of American Foresters.

SCHOOL OF FORESTRY
NORTHERN ARIZONA UNIVERSITY
FLAGSTAFF, ARIZ. 86001

Degrees: Bachelor of science in forestry with majors in forest land management, wood industry management, and recreation land management. Graduate study leading to degree of master of science in forestry. Eight-week summer camp required of all students following the sophomore year. The 4,000-acre school forest is just 5 miles from campus and available for instruction and research. Located in the center of forestry activities in the southwest. Accredited by the Society of American Foresters.

DEPARTMENT OF WATERSHED MANAGEMENT
UNIVERSITY OF ARIZONA
TUCSON, ARIZ. 85721

Degrees: Bachelor of science, master of science, and doctor of philosophy in watershed management or range management. Four-year programs include forest management, forest science, recreation resource management, watershed hydrology, general range management, range-watershed, and range science. Emphasis at the bachelor degree level is on the multiple use management of

natural resources and/or preparation for graduate work. Undergraduates (except for watershed hydrology majors) are required to take a summer field course. Students in the forestry disciplines spend 7 weeks in the Santa Catalina and White Mountains; the range students tour for 3 weeks to study a variety of southwestern ranges. Graduate work is offered in the fields of forest science, range science, watershed hydrology, resource economics, and outdoor recreation. The department maintains a Santa Catalina forested watershed from which data are telemetered to the department laboratory for continuous recording. In addition to the usual departments and laboratory facilities available at a university of this size (among the 30 largest in the United States), field research is carried on throughout the State.

DEPARTMENT OF FORESTRY
ARKANSAS A. & M. COLLEGE
COLLEGE HEIGHTS, ARK. 71655

Degree: Bachelor of science in forestry. There is a summer term of 10 weeks; the school forest is also available for fieldwork. Special emphasis is placed on southern forestry and preparation for private industry employment as well as government service.

DIVISION OF NATURAL RESOURCES
HUMBOLDT STATE COLLEGE
ARCATA, CALIF. 95521

Degrees: Bachelor of science with majors in forest management, wildlife, or natural resources. Master of science in forest management, watershed management, and wildlife. No summer camp requirement. The college is located in the heart of the redwood region, where there are numerous logging and forest products manufacturing operations.

SCHOOL OF FORESTRY AND CONSERVATION
UNIVERSITY OF CALIFORNIA, BERKELEY
BERKELEY, CALIF. 94720

Degrees: Bachelor of science with majors in forestry, wood science, and technology. Graduate programs lead to the degrees of master of forestry; master of science with majors in forestry, range management, and wood science and technology; doctor of philosophy with majors in forestry, wood science and technology, and various forestry-related sciences. Undergraduate forestry major provides optional fields of emphasis in forest management, range management, wildlife habitat management, park and recreational land management, industrial forestry, and biological sciences. Summer field program of 10 weeks in the Sierra Nevada follows the sophomore year. Six experimental forests and field stations are available for research and field study. The Forest Products Laboratory is a major research facility providing opportunities for graduate research in wood science. Accredited by the Society of American Foresters.

COLORADO STATE UNIVERSITY
COLLEGE OF FORESTRY & NATURAL RESOURCES
FORT COLLINS, COLO. 80521

Degrees: Bachelor of science, master of forestry, master of science, and doctor of philosophy. Majors in forest biology, forest management, wood science and technology, fishery biology, wildlife biology, forest-range management, outdoor recreation, range ecology, range science, forest-watershed management, watershed science. Summer field quarter program follows sophomore year. The University's forest and range lands and natural area with their associated waters, and special-use areas in Roosevelt National Forest are available for research and field studies. Laboratories are available for specialized training and research in wood sciences and products, fishery ecology and taxonomy, watershed management and snow hydrology, wildlife ecology and habitat management, fish and wildlife diseases, range ecology and nutrition, recreation planning, remote sensing, systems ecology, ultramicroscopy, natural resource administration, and public relations. Specialized training in the several curricula begins with the sophomore year. Accredited by the Society of American Foresters.

SCHOOL OF FORESTRY
YALE UNIVERSITY
NEW HAVEN, CONN. 06511

Graduate instruction only. The doctor of philosophy degree is offered by the Department of Forestry, Yale Graduate School. The master of forestry, a professional degree, and the master of forest science, a scientific degree, both normally requiring 2 years of residence, are offered by the School of Forestry. Admission to the master of forestry program is restricted to students who have a bachelor's degree in forestry. The other programs are open to any college graduates who have the requisite undergraduate training in their fields of specialization. Women are admitted to all programs. Accredited by the Society of American Foresters.

FORESTRY-WILDLIFE MANAGEMENT SECTION
PLANT SCIENCE DEPARTMENT
COLLEGE OF AGRICULTURE
UNIVERSITY OF CONNECTICUT
STORRS, CONN. 06268

Degrees: Bachelor of science in Agriculture with major in forestry, fisheries, or wildilfe management; master of science in fisheries or wildlife management; Ph. D. in fisheries. Four-year forestry curriculum includes subject-matter fields required by the USDA Forest Service. All curricula designed to prepare for entry into professional fields or for graduate study. College woodlands and nearby State forests are used as laboratory areas. Special emphasis is given land use in an urbanizing society and the multiple-use concept of wildland resource management.

SCHOOL OF FORESTRY
UNIVERSITY OF FLORIDA
GAINESVILLE, FLA. 32601

Degree: Bachelor of science in forestry with majors in forestry, wildlife, and forest products technology. Electives battery options available to undergraduates in the forestry major who wish to develop an orientation in forest recreation, industrial forestry, forest wildlife management, and timber management. Two days per week of summer camp-type training with remaining 3 days per week for on-campus courses required following the sophomore year. Qualified students may enter graduate study leading to the degree of master of science in forestry. Ph. D. programs in forest tree physiology, forest soils, forest nutrition, forest genetics, and forest entomology are offered through cooperation with basic discipline departments in these fields. The 2,000-acre Austin Cary School Forest and other large forest areas are within short driving distance of the campus, providing field laboratories for instruction. Major equipment at Austin Cary for instruction include a sawmill, planing mill, logging and cultural operations equipment. Other special facilities include a small wood products laboratory for instruction and research in forest products technology, a wildlife ecology laboratory, and a forest physiology-genetics laboratory especially suited for research and graduate training in forest physiology, forest genetics, forest soils, and nutrition. Accredited by the Society of American Foresters.

SCHOOL OF FOREST RESOURCES
UNIVERSITY OF GEORGIA
ATHENS, GA. 30601

Degrees: Bachelor of science in forestry and master of forestry, with concentrations in timber, wildlife, watershed, and recreation management. The degrees master of science and doctor of philosophy in forestry are offered in the graduate school. There is no required summer camp, but practical field instruction is required of all students during a quarter devoted exclusively to this work preceding the senior year. Four school forests are close by for instruction and research. Well-equipped laboratories are available both on the campus and at field locations. Both the Bureau of Sports Fisheries Research Unit (housed in the School) and the USDA Forestry Sciences Laboratory nearby enhance the opportunities for instruction and research, especially at the graduate level. The Georgia Forest Research Council, other State and Federal agencies, and private enterprise all contribute financially to the research and graduate programs. Accredited by the Society of American Foresters.

COLLEGE OF FORESTRY, WILDLIFE AND RANGE SCIENCES
UNIVERSITY OF IDAHO
MOSCOW, IDAHO 83843

Degrees: Bachelor of science in forestry, master of science, master of forestry, and doctor of philosophy. The lower division program and 8-week summer camp are common to all options

except fish and wildlife and wood utilization. Upper division programs are offered in forest resource management, forest business management, range management, game management, fishery management, fish and game management, wood utilization chemical technology, and wood utilization engineering technology. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY
SCHOOL OF AGRICULTURE
SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE, ILL. 62901

Degrees: Bachelor of science and master of science; doctor of philosophy program, in coordination with other science departments. Undergraduate curricula in forest resource management and forest recreation and park management. Spring quarter camp for juniors and field study trip. Master's work in forest economics, forest management, recreation, silviculture, and utilization. University, Federal, and State forest lands within easy driving distance. Carbondale Research Center, USDA Forest Service, on campus cooperating in silviculture, management, and utilization. Includes cooperatively supported wood products pilot plant.

DEPARTMENT OF FORESTRY
UNIVERSITY OF ILLINOIS
URBANA, ILL. 61801

Degrees: Bachelor of science in forestry and master of science in forestry with emphasis in either forest science or wood science. Following the sophomore year, a summer camp of 8 weeks in northern Minnesota is required. Eight forest properties of the University are available for instruction and research. Graduate study leading to the Ph. D. degree is available in cooperation with other departments in the graduate college. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY AND CONSERVATION
SCHOOL OF AGRICULTURE
PURDUE UNIVERISTY
LAFAYETTE, IND. 47907

Degrees: Bachelor of science in forestry; 4-year curricula in forest production, wildlife management, conservation, and wood utilization and technology. Graduate study leading to the degree Master of Science in forestry. The degrees of master of science and doctor of philosophy available in areas of specialized study. Summer camp of 9 weeks following sophomore year on the Nicolet National Forest in Wisconsin. The Department has 14 woodland areas for research and study. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY
IOWA STATE UNIVERSITY
AMES, IOWA 50010

Degrees: Bachelor of science in forest management or wood products; master of science and doctor of philosophy in forest biology, economics, mensuration, pathology, and wood science. Field training is concentrated in an 8-week summer camp at the end of the freshman year and in departmentally arranged summer positions with forest-owning agencies and companies. Both camp and summer jobs are required; the camp location is changed periodically to acquaint students with forestry problems and practices nationwide. The Department of Forestry also has important and evolving administrative responsibilites for an undergraduate curriculum in resource development for outdoor recreation. Accredited by the Society of American Foresters.

SCHOOL OF FORESTRY AND WILDLIFE MANAGEMENT
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LA. 70803

Degrees: Bachelor of science in forestry; the degrees of master of science in game management, master of forestry, master of science, and doctor of philosophy are offered through the graduate school. Summer camp of 8 weeks follows the junior year. Organized field trips to forests and wood industries are part of the instruction. Accredited by the Society of American Foresters.

DEPARTMENT OF AGRICULTURE
McNEESE STATE COLLEGE
LAKE CHARLES, LA. 70602

Degree: Bachelor of science with major in forestry or wildlife management. An 8-week summer camp is required for forestry majors following the junior year. A large tract of managed forest land immediately adjacent to the camp is used for field instruction. Several other forest areas in close proximity to the college provide excellent opportunities for field study. Tours of local forest industries are also conducted.

DEPARTMENT OF FORESTRY
LOUISIANA POLYTECHNIC INSTITUTE
RUSTON, LA. 71270

Degree: Bachelor of science, major in forestry or wood utilization. These programs are designed to give a broad professional education. Forestry majors attend camp for the summer quarter following the junior year in a 20,000-acre forest. A land use seminar is conducted in conjunction with the camp. Wood utilization majors attend the summer session following the junior year on a special program from the campus. Seniors spend one full day per week in the field visiting plants, industrial and public forests, and attending professional forestry meetings.

SCHOOL OF FOREST RESOURCES
UNIVERSITY OF MAINE
ORONO, MAINE 04473

Degrees: Bachelor of science in forestry or wildlife management with the following options: General forestry, forestry management, utilization, wood technology, wildlife management, and forestry and wildlife science. Graduate work leading to the degree of master of science in forestry or wildlife management and a Ph. D. in plant science. Two off-campus training periods including an 8-week camp at the end of the junior year are required. The University forest, the Penobscot Experimental Forest of the USDA Forest Service, and State lands are available for field study. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY AND WILDLIFE MANAGEMENT
UNIVERSITY OF MASSACHUSETTS
AMHERST, MASS. 01002

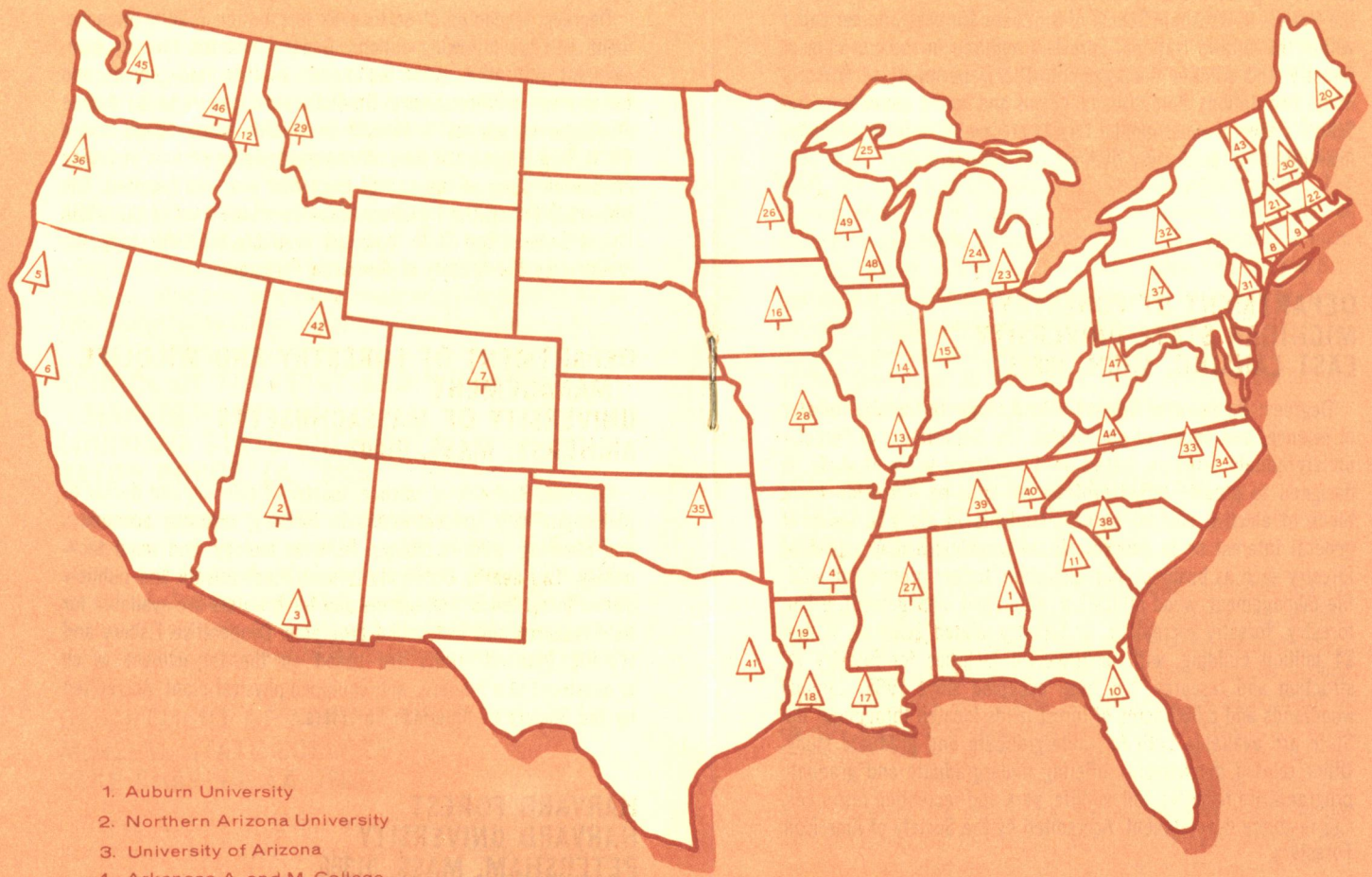
Degrees: Bachelor of science, master of science, and doctor of philosophy with concentrations in forestry, resource economics and planning, wildlife biology, fisheries biology, and wood technology. Two nearby University forests, other private and publicly owned forest lands, and marine and fresh waters are available for field research and instruction programs. Cooperative Fishery and Wildlife Research Units are based on the Department which is quartered in a modern, well equipped physical plant. Accredited by the Society of American Foresters.

HARVARD FOREST
HARVARD UNIVERSITY
PETERSHAM, MASS. 01366

Graduate instruction in forestry research techniques leading to the master's degree in forest science. Length of residence: 3 months as research assistant and 9 months as student. The school does not offer a complete professional curriculum, but gives advanced training in silviculture, management, forest soils, forest economics, and forest physiology. Special programs of study can be arranged to include some courses given in other departments such as biology or economics, or in the graduate schools of public administration, design, and business. Doctoral programs can be arranged with some departments.

SCHOOL OF NATURAL RESOURCES
UNIVERSITY OF MICHIGAN
ANN ARBOR, MICH. 48104

Degrees: Bachelor of science, with a fifth year leading to the degree of bachelor of science in forestry; also master of forestry,



1. Auburn University
2. Northern Arizona University
3. University of Arizona
4. Arkansas A. and M. College
5. Humboldt State College
6. University of California
7. Colorado State University
8. Yale University
9. University of Connecticut
10. University of Florida
11. University of Georgia
12. University of Idaho
13. Southern Illinois University
14. University of Illinois
15. Purdue University
16. Iowa State University
17. Louisiana State University
18. McNeese State College
19. Louisiana Polytechnic Institute
20. University of Maine
21. University of Massachusetts
22. Harvard University
23. University of Michigan
24. Michigan State
25. Michigan Technological University
26. University of Minnesota
27. Mississippi State University
28. University of Missouri
29. University of Montana
30. University of New Hampshire
31. Rutgers University
32. State University College of Forestry
33. Duke University
34. North Carolina State University
35. Oklahoma State University
36. Oregon State University
37. The Pennsylvania State University
38. Clemson University
39. The University of the South
40. The University of Tennessee
41. Stephen F. Austin State College
42. Utah State University
43. The University of Vermont
44. Virginia Polytechnic Institute
45. University of Washington
46. Washington State University
47. West Virginia University
48. University of Wisconsin
49. University of Wisconsin

master of wildlife management, master of science in fisheries, master of science in conservation, and master of landscape architecture. Master of science and doctor of philosophy or doctor of science degrees are offered in several curricula of the school in the Horace H. Rackham School of Graduate Studies. Summer camp within the Ottawa National Forest is required in the curricula of forestry and wildlife management. The Department of Forestry offers two options: forest management and forest recreation. The School's several experimental forests are available for field study. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY
MICHIGAN STATE UNIVERSITY
EAST LANSING, MICH. 48823

Degrees: Bachelor of science with a major in forestry, master of science, and doctor of philosophy. The Department of Forestry undergraduate program, based on 4 academic years of study, is designed to provide broad professional training. Provision for a block of elective courses permits students to study in fields of general interest or to concentrate on some particular aspect of forestry such as business administration, timber production, wildlife management, wood utilization, watershed management, urban forestry, forestry recreation, or forestry-related sciences. A new $4 million building, with unsurpassed facilities for forestry instruction and research, has been occupied since 1966. Campus woodlands and 8,000 acres of forest lands located throughout the State are available both for undergraduate and graduate study. Other related departments offering undergraduate and graduate programs are fisheries and wildlife, park and recreation resources, and resource development. Accredited by the Society of American Foresters.

SCHOOL OF FORESTRY AND WOOD PRODUCTS
MICHIGAN TECHNOLOGICAL UNIVERSITY
HOUGHTON, MICH. 49931

Degrees: Bachelor of science in forestry, master of science in forestry. Major field of emphasis is forest management. Summer school of 10 weeks follows the sophomore year. A new $1.4 million building houses both the Department of Forestry and the Institute of Wood Research. Nearby National and State Forests, Isle Royale National Park, and a wide range of forest industries provide excellent field study facilities. The Forest Engineering Laboratory of the USDA Forest Service, the University's Institute of Wood Research, and its Ford Forestry Center complement the academic programs and provide additional facilities for research and advanced study. Accredited by the Society of American Foresters.

SCHOOL OF FORESTRY
UNIVERSITY OF MINNESOTA
ST. PAUL, MINN. 55101

Degrees: Bachelor of science with the following fields of specialization: Forest resources development, forest products engineering, forest products marketing, recreation resource management, and forest science. Forest resources development majors may also complete options in such areas as wildlife management, forest recreation, timber production, multiple use, watershed management, and wood products utilization. Graduate study leading to the degrees of master of forestry, master of science, and doctor of philosophy is offered in cooperation with the graduate school. Summer session of 6 weeks at the Lake Itasca Forestry and Biological Station follows the sophomore year for majors in forest resources development and forest science. Students in the forest resources development curriculum also spend the spring quarter of their junior year at the Cloquet Forest Resources Center. Accredited by the Society of American Foresters.

SCHOOL OF FOREST RESOURCES
MISSISSIPPI STATE UNIVERSITY
STATE COLLEGE, MISS. 39762

Degrees: Bachelor of science in forestry with curriculum options in general forestry, forestry and business, forestry and wildlife, forest recreation, forest science, and wood science and technology. Advanced degrees offered through the graduate school include master of forestry and master of science in the Department of Forestry, master of science in the Department of Wood Science and Technology, and master of science and Ph. D. in wildlife management in the Department of Zoology. A special summer term of 8 weeks following the sophomore year is conducted mostly in the field and is required for the B.S. degree. Facilities include two new buildings completed in 1966, Dorman Hall for the Departments of Forestry and Wildlife Management, and the Forest Products Utilization Laboratory for the Department of Wood Science and Technology. USDA Forest Service research is headquartered adjacent to the campus in the Forest Tree Seed Laboratory constructed in 1968. Field laboratories within 30 miles of the campus include the School's 8,000-acre experimental forest, the Noxubee National Wildlife Refuge, and the Tombigbee National Forest. The school also owns a 1,500-acre forest in northeastern Mississippi. Accredited by the Society of American Foresters.

SCHOOL OF FORESTRY
UNIVERSITY OF MISSOURI
COLUMBIA, MO. 65201

Degrees: Bachelor of science in forestry upon completion of 4-year curriculum in either forestry or wood products (the latter with options in wood science, utilization, and management). Graduate training leading to the master of science degree and to

the Ph. D. is also available. Twelve weeks of summer camp following the junior year is required in the forestry curriculum only. The University forest (site of the summer camp) and the Weldon Spring Forest (with a combined area of about 14,000 acres) provide excellent field facilities for training at both undergraduate and graduate levels and for research. Accredited by the Society of American Foresters.

SCHOOL OF FORESTRY
UNIVERSITY OF MONTANA
MISSOULA, MONT. 59801

Degrees: Bachelor of science in forestry with a major in forest resource management, forest science, and forest business; bachelor of science in resource conservation. Undergraduate curriculum emphasizes timber, range, wildlife, recreation, and watershed management. Graduate work leads to the degrees of master of forestry, master of science in forestry, master of science in resource conservation, master of resources administration, master of science in wildlife biology. The degree of doctor of philosophy is offered in forestry and plant science. No summer camp. Two full summers of approved field experience are required for graduation. Research studies on the 27,000-acre school forest and in cooperation with State, Federal, and private agencies. Accredited by the Society of American Foresters.

DEPARTMENT OF FOREST RESOURCES
UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N.H. 03824

Degrees: Bachelor of science in forestry; bachelor of science, major in wildlife management. Graduate work leading to a master of science in forestry or in wildlife management, and an interdepartmental Ph. D. program in genetics. Undergraduate field work on 2,200 acres of university woodlands on campus. June field session for undergraduates, but no summer camp. Forest and watershed research program cooperating with Northeastern Forest Experiment Station personnel headquartered at Durham, and with other research agencies. Accredited by the Society of American Foresters.

FORESTRY SECTION, COLLEGE OF AGRICULTURE
RUTGERS, THE STATE UNIVERSITY
NEW BRUNSWICK, N.J. 08903

Degree: Bachelor of science with a major in forestry. Four-week summer camp on college forest adjacent to Stokes State Forest follows sophomore year. Helyar, Hutcheson Forests, and other college woodlands on or near campus available for field instruction, research, and demonstration. Undergraduate curriculum emphasizes preparation for graduate work in forestry and allied fields.

STATE UNIVERSITY COLLEGE OF FORESTRY AT SYRACUSE UNIVERSITY SYRACUSE, N.Y. 13210

Degrees: Bachelor of science, bachelor of landscape architecture, master of science, master of landscape architecture, master of forestry, and doctor of philosophy. Undergraduate majors are offered in resources management, forest biology, forest engineering, landscape architecture, paper science and engineering, forest chemistry, and wood products engineering. Options or course concentrations within these majors include forest wildlife biology, forest botany and pathology, forest entomology, forest zoology, measurements, resource planning and development, forest administration, applied biology, forest recreation, conservation, world forestry, wood sicence, production engineering, materials marketing, wood anatomy, biochemistry, wood and polymer chemistry, paper science, paper engineering, and others. Summer session of 5 weeks follows the sophomore year for forest resources and forest biology majors. Students majoring in paper science and engineering have 12 weeks of practical experience in industry during the summer following the junior year. Students in the production engineering and materials marketing options of wood products engineering are required to complete summer work experience in an approved wood products or allied firm or laboratory following the junior year. Graduate programs are available in the following departments or schools: forest botany and pathology, forest chemistry, forest economics, forest entomology, forest management, forest zoology, landscape architecture, paper science and engineering, silviculture, and wood products engineering. Interdisciplinary graduate study programs are available in world forestry, water resources, organic materials science. The college has six demonstration and research forests totaling 25,000 acres. Field trips are taken to forests and forest industries in various parts of the country. Accredited by the Society of American Foresters.

SCHOOL OF FORESTRY DUKE UNIVERSITY DURHAM, N.C. 27706

Graduate curricula only. Degree programs are offered in the following fields: biological science—forest ecology, forest entomology, forest pathology, tree physiology, dendrology, wood anatomy; forest administration—forest management, forest economics, business management, forest protection; environmental science—forest hydrology, forest meteorology, forest soils; and quantitative analysis—biometry, forest measurements operations research. The Duke Forest (8,500 acres) is adjacent to the campus. A phytotron with 40 plant growth chambers capable of reproducing climatic conditions ranging from the tropical to arctic adjoins the school building. Other facilities include a mobile meteorological laboratory, and a computer terminal with

access to an IBM system 360 Model 75 Digital Computer. Degrees: master of forestry, master of arts, master of science, doctor of forestry, and doctor of philosophy. Programs of study at the master's level are 2 to 5 semesters in duration, depending on the student's previous training. Doctoral studies ordinarily require 2 years of residence beyond the Master's degree. Women are admitted to all programs. Accredited by the Society of American Foresters.

SCHOOL OF FOREST RESOURCES
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, N.C. 27607

Degrees: Bachelor of science in forestry, natural resources recreation management and recreation and park administration, wood science and technology, pulp and paper science and technology, and conservation. Graduate study leading to master of science in forestry, master of science in wood and paper science, master of forestry, master of wood and paper science, and doctor of philosophy. Graduate programs available in forestry, ecology, economics, entomology, genetics, influences, management, mensuration, pathology, physiology, recreation, regeneration, silviculture, soils, and taxonomy; in wood and paper science—anatomy, gluing, marketing, operations anaylsis, pulp and paper chemistry, wood moisture relations, wood and fiber mechanics, wood chemistry, and wood physics. Summer camp in forestry and summer practicum in wood science and technology follows sophomore year. Five demonstration and research forests totaling over 80,000 acres. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY
OKLAHOMA STATE UNIVERSITY
STILLWATER, OKLA. 74074

Degree: Bachelor of science. Major field is forest management with required courses in recreation, range and wildlife management. Undergraduate options are being developed, especially in recreation. A master of science degree with thesis will be offered by September 1969, in the specialty areas of timber management, silviculture, forest genetics, and recreation. The degree will require at least 3 semesters for completion. Graduate students are now being accepted.

SCHOOL OF FORESTRY
OREGON STATE UNIVERSITY
CORVALLIS, OREG. 97331

Degrees: Bachelor of science with majors in forest engineering, forest management, and forest products. Forest engineering also offers a 5-year program in cooperation with civil engineering;

the forest management curriculum offers options in forest science, administration, and forest recreation; in forest products, options are offered in wood science and wood industry management. Programs requiring a fifth year may be arranged to permit qualifying for (1) second bachelor degrees in forestry curricula and in science, business, and engineering, or (2) a master of business administration degree in business and technology. Graduate work leads to master of forestry or master of science degrees in the three departments. Forest management and forest products also grant the doctor of philosophy degree. At least 6 months of approved field or industrial employment are required before graduation with a bachelor's degree. There is no summer camp. The 14,000-acre school forests, various State, Federal, and private forests, and many wood-industry plants are available for instruction, research, and employment. The School's Forest Research Laboratory with its forest management and forest products divisions, and the USDA Forest Service Forestry Sciences Laboratory offer specialized research facilities. Accredited by the Society of American Foresters.

SCHOOL OF FOREST RESOURCES
THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PA. 16802

Degrees: Bachelor of science with a major in forest science or wood science; master of forestry, master of science in forest resources, and doctor of philosophy in forest resources. Areas of graduate specialization include biometrics, recreation, timber management, hydrology, wildlife management, ecology, silviculture, genetics, physiology, wood rheology, drying, adhesives, wood anatomy, wood chemistry, and industrial operations analysis. No summer camp, but fall term of junior year includes field practicums in forest mensuration, protection, and taxonomy. The 6,500-acre University Experimental Forest, the farm woodlands, and adjacent State forests and game lands are available for field study and research. The fully-equipped Forestry Research Laboratory with greenhouse was dedicated in 1967. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY
CLEMSON UNIVERSITY
CLEMSON, S.C. 29631

Degrees: Bachelor of science in forestry with major in forest management. Master of science in forestry with major in forest management is offered in the graduate school. Summer camp of 9 weeks following sophomore year. The 18,000-acre Clemson Forest adjacent to the campus and owned by the university, supports various forest types and stands and is used extensively for teaching and research. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY
THE UNIVERSITY OF THE SOUTH
SEWANEE, TENN. 37375

Degree: Bachelor of science in forestry. No summer camp required since the university's 10,000-acre hardwood forest is easily accessible for study and work during the academic year. Students required to spend 2 summers in practical forestry work. Strong emphasis on preparation for graduate school. Sewanee Research Project of the Southern Forest Experiment Station, USDA Forest Service, is headquartered in adjacent silviculture building. Facilities include a forest soils laboratory.

DEPARTMENT OF FORESTRY
THE UNIVERSITY OF TENNESSEE
KNOXVILLE, TENN. 37916

Degrees: Bachelor of science in forestry with wide latitude through electives for some specialization in forest resource management, forest economics, wildlife management, and outdoor recreation. Master of science with a major in forestry in several areas of specialization including forest economics, forest management, recreation, silviculture and tree improvement, and genetics. A 10-week summer camp follows the junior year. The university has 21,000 acres of forest land available to the department for instructional uses, demonstration, and research. The great Smoky Mountains National Park, National Forests, TVA properties, and extensive well-managed private holdings located nearby offer additional opportunities for instruction and research. Forest types available for study range from those of the Boreal Forest to southern pines.

SCHOOL OF FORESTRY
STEPHEN F. AUSTIN STATE COLLEGE
NACOGDOCHES, TEX. 75961

Degrees: Bachelor of forestry with options in forest management, forest recreation management, forest game management, and forest range management. A master of forestry is offered in forest management, silviculture, recreation, entomology, pathology, soils, taxonomy, wood technology, watershed management, biometrics, fire technology, and economics. Graduate programs are available for candidates with undergraduate degrees in forestry and in fields other than forestry. A summer camp of 12 weeks in the Sabine and Cibola National Forests, New Mexico, follows the sophomore year. The Stephen F. Austin and San Jacinto Experimental Forests of the Southern Forest Experiment Station, USDA Forest Service, four National Forests, and industrial lands are also available for year-round field study and research. The S.F.A. Forestry Center, covering one square block, contains Forestry Hall, Forest Laboratories Building, Forest Laboratory Annex Building, Forest Management Group Building, dry kiln, and greenhouse. Accredited by the Society of American Foresters.

COLLEGE OF NATURAL RESOURCES
UTAH STATE UNIVERSITY
LOGAN, UTAH 84321

Degrees: Bachelor of science in forest science, range science, or wildlife resources. The Department of Forest Science offers three options—forest management, forest recreation, and forest watershed management. The Department of Range Science offers special programs in general range management, forest range management, and range watershed management. The Department of Wildlife Resources offers two options—game management and fisheries management. Additional work leads to the degree of master of science in each field and the master of forestry in forest science, and to the Ph. D. in forestry, range, and wildlife options. Emphasis is on training for employment with public land and resource managing agencies. Summer camp, required in certain options, follows the sophomore year. College owns and leases 2,500 acres of forest land near summer camp; 4,000 acres of experimental range in southwestern Utah. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY
THE UNIVERSITY OF VERMONT
BURLINGTON, VT. 05401

Degrees: Bachelor of science in forestry with options in forest management and wildlife management. A master of science in forestry is offered by the department through the graduate college. Summer camp of 8 weeks follows the sophomore year. University forests of 1,100 acres, the 20,000-acre Mount Mansfield State Forest, and the Green Mountain National Forest of the USDA Forest Service are available for field study. Graduate programs are available in the Department of Forestry and in cooperation with other departments of the College of Agriculture and the Northeastern Forest Experiment Station Research project headquartered in Burlington.

DEPARTMENT OF FORESTRY AND WILDLIFE
VIRGINIA POLYTECHNIC INSTITUTE
BLACKSBURG, VA. 24061

The forestry and wildlife program offers professional training in the management of the natural resources of wildland areas. It provides a broad background in the basic sciences, with optional concentration in general forest management, forest wildlife management, and forest recreation. Special programs at the undergraduate level also are available in wood science and technology and in forestry statistics. Graduate work leading to the master of science and Ph. D. degrees is offered in wildlife and fisheries biology, forest management and economics, biometrics, wood science, and silviculture. The master of science and Ph. D. degrees in wildlife and fisheries are offered in cooperation with the Virginia Cooperative Wildlife Research Unit, the Cooperative Fishery Unit, and the Biology Department. Accredited by the Society of American Foresters.

COLLEGE OF FOREST RESOURCES
UNIVERSITY OF WASHINGTON
SEATTLE, WASH. 98105

Degrees: Bachelor of science in forest resources with concentration in forest management, forest engineering, wood and fiber science, wood technology, pulp and paper technology, and outdoor recreation; within each area many individual variations of course work are possible. An undergraduate honors program and undergraduate research participation are open to selected students.

Graduate studies lead to the master of forest resources, master of science in forest resources, and doctor of philosophy degrees in the forest resources sciences—including silvics; cellulose, lignin, and natural product chemistry; forest soils; tree nutrition; forest tree genetics; forest ecology; forest meteorology; forest fire sciences; forest hydrology; wildlife biology; tree physiology; forest pathology; physical and chemical properties of fibers; physics of wood and fiber composites; biomathematics; forest economics; polymer science; forest influences; mass and energy transport in living systems; wood and plant anatomy; and forest zoology; in forest resources technology—including biometrics; forest fire technology; pulp and paper technology; wood processing technology; wood adhesion and gluing process technology; photogrammetry; mensuration; wood preservation, and permeability; and wood-liquid relations; in forest resources production—including cost analysis and production; forest economics; forest land management; economics of the forest products industries; forest policy and planning; forest engineering; operations research and quality control; systems analysis; silviculture; watershed management; timber harvesting; environmental quality; wood quality; and tropical forests; and in forest resources conservation—including outdoor recreation; social and esthetic aspects of forest recreation; natural history; recreation management; soil and water conservation; wildlife conservation; wildlife biology; game management; habitat management; history of forest conservation; wildland management; wildland interpretation; and forest history and policy.

A summer field program at the Charles Lathrop Pack Demonstration Forest follows the sophomore year for students in forest management and forest engineering. Students in these curricula also spend the last quarter of the senior year in the field. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY AND RANGE MANAGEMENT
WASHINGTON STATE UNIVERSITY
PULLMAN, WASH. 99163

Degrees: Bachelor of science in forest management and in range management; master of science in forestry and in range management. Undergraduate curricula provide 20 to 30 semester hours of electives, allowing some specilalization. Examples: Business option (economics or administration); physical science op-

tion (watershed management, mensuration, or wood science specializations); and biological science option (ecology, physiology, pathology, entomology, genetics, etc.). Others are available to meet individual needs. A program of professionally integrated work is required in lieu of summer camp.

Master of science degree work is available in many specializations, such as silviculture, watershed, entomology, pathology, economics, administration, mensuration and statistics, wood science, range ecology, range plant physiology, recreation, genecology, soils, and environmental biology. Accredited by the Society of American Foresters and the Range Management Education Council.

DIVISION OF FORESTRY
WEST VIRGINIA UNIVERSITY
MORGANTOWN, W. VA. 26506

Degrees: Bachelor of science in forestry with a major in forest management or wood industry; bachelor of science in wood science, and bachelor of science with a major in wildlife management, forest science, recreation resources management, or recreation. Summer field practice of 6 weeks follows the junior year of curricula leading to the degree of bachelor of science in forestry.

Graduate programs in the Division of Forestry and in cooperation with the Division of Agriculture, College of Engineering, and College of Commerce, are available in forest management, silvics, silviculture, mensuration, photogrammetry, forest genetics, forest pathology, forest entomology, wood science and technology, wood industry administration, forest economics, forest engineering, timber engineering, wildlife management, watershed management, and recreation. Emphasis is given to the management and utilization of hardwood forests, lands, and products. Six hardwood forests covering 14,000 acres owned or managed under agreement by the Division of Forestry. Accredited by the Society of American Foresters.

DEPARTMENT OF FORESTRY
SCHOOL OF NATURAL RESOURCES
COLLEGE OF AGRICULTURE AND LIFE SCIENCES
UNIVERSITY OF WISCONSIN
MADISON, WIS. 53706

An undergraduate forestry major was offered for the first time in 1968. This program in forest science stresses preparation at the bachelor of science level for professional forest-resource management, or for advanced graduate study in either the biological or managerial sciences. The master of science and doctor of philosophy degrees are offered at the graduate level, either directly or jointly with other departments in the university. Graduate majors are available in forest biometrics, ecology, eco-

nomics, entomology, genetics, management, mensuration, pathology, physiology, soils, and wood science. Excellent laboratory, field, and computer research facilities are available. Cooperative graduate programs may be arranged with the Forest Products Laboratory at Madison, the Forest Service Institute of Forest Genetics at Rhinelander—both U.S. Department of Agriculture facilities—or with other public and private forestry agencies. In addition to the university-owned field stations, public and private forest lands are available for research at locations throughout the State.

DEPARTMENT OF NATURAL RESOURCES
WISCONSIN STATE UNIVERSITY
STEVENS POINT, WIS. 54481

Degree: Bachelor of science with majors and minors in forest management, water resources, soil science, resource management, wildlife management, pulp and paper technology, and resource education. Curricula are designed to prepare a student for employment and graduate study in the field of total or specific resource management. A 6-week summer camp, required between the sophomore and junior years, is conducted on the 135,000-acre Langlade County Forest in northeastern Wisconsin. Field laboratories and forest industries for study and research are available within a 10-minute drive from campus. Optional spring forestry trips and many other informal educational opportunities are available.

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